



PTO/SB/08A (04-03)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Application Number	10/633,837
Filing Date	08-04-2003
First Named Inventor	Thomas, Ralph M.
Art Unit	
Examiner Name	
Attorney Docket Number	22650-RA

Sheet 1 of 2

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
CRS		US- 6571899B2	06-03-2003	Simons	ALL
		US- 2003/0094072A1	05-22-2003	Chen	ALL
		US- 6557657B2	05-06-2003	Persson	ALL
		US- 2003/0041689A1	03-06-2003	Chu	ALL
		US- 6464031B1	10-15-2002	Cobb	ALL
		US- 6439592B1	08-27-2002	Christini et al.	ALL
		US- 2002/0108798A1	08-15-2002	Huntsberger et al.	ALL
		US- 6380731B1	04-30-2002	Nishimoto	ALL
		US- 2002/0027333A1	03-07-2002	Trubiano	ALL
		US- 6338393B1	01-15-2002	Martin	ALL
		US- 6305485B1	10-23-2001	Kwan	ALL
		US- 6276475B1	08-21-2001	Nakanosono	ALL
		US- 6278216B1	08-21-2001	Li	ALL
		US- 6270438B1	08-07-2001	Liao	ALL
		US- 6213242B1	04-10-2001	Rodrigues et al.	ALL
		US- 6134987	10-24-2000	Kalsi	ALL
		US- 6062329	05-16-2000	Chai	ALL
		US- 6012539	01-11-2000	Patmont	ALL
		US- 5937964	08-17-1999	Mayer et al.	ALL

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶

Examiner Signature	<i>B. B. B.</i>	Date Considered	7/8/04
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Sheet 2		U. S. PATENT DOCUMENTS			
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		Number-Kind Code ² (if known)			
ab		US- 5894903	04-20-1999	Hieble	ALL
		US- 5873428	02-23-1999	Ohshita et al.	ALL
		US- 5788007	08-04-1998	Miekka	ALL
		US- 5779254	07-14-1998	James et al.	ALL
		US- 5433284	07-18-1995	Chou	ALL
		US- 5390946	02-21-1995	Spicer	ALL
		US- 5341892	08-30-1994	Hirose et al.	ALL
		US- 5332244	07-26-1994	Turner et al.	ALL
		US- 5113964	05-19-1992	Yamauchi	ALL
		US- 5054572	10-08-1991	Parker	ALL
		US- 5024286	06-18-1991	Lean et al.	ALL
		US- 4842292	06-27-1989	Wang	ALL
		US- 4688816	08-25-1987	Yang	ALL
		US- 4634138	01-06-1987	Fryer et al.	ALL
		US- 4433852	02-28-1984	Hon	ALL
		US- 4397369	08-09-1983	Read	ALL
		US- 4346777	08-31-1982	Restelli	ALL
		US- 3631936	01-04-1972	Schweser	ALL
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